

On Page 8, line 19, after "branching.", add ---Preferably, the single site catalyzed copolymer is a copolymer of ethylene and an alpha-olefin having from four to eight carbon atoms, and preferably the single site catalyzed copolymer has a density of from about 0.86 to 0.95 g/cc.

On Page 13, line 22, after "ranging" insert ---from---;

On Page 15, line 4, delete ".pa".

### IN THE CLAIMS

Kindly cancel Claims 2 and 6.

Kindly amend Claims 1 and 3-5, to read as follows:

*sub 3*  
1. A film suitable for packaging comprising a homogeneous single site catalyzed copolymer of ethylene and an alpha-olefin having from <sup>TEN</sup>three to ~~ten~~ carbon atoms, said single site catalyzed copolymer having long chain branching, wherein said film is a multilayer film and is heat shrinkable.

3. The heat shrinkable film as set forth in claim 1, wherein said alpha-olefin has from four to eight carbon atoms.

4. The film as set forth in claim 1, wherein said single site catalyzed copolymer is blended with another thermoplastic homopolymer or copolymer.

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5. The film as set forth in claim 1, wherein said single site catalyzed copolymer has a density of from about 0.86 g/cc to about 0.95 g/cc.

Kindly add newly presented Claims 7-35, as follows:

---7. The film according to Claim 1, wherein the homogeneous single site catalyzed copolymer has a density of from about 0.895 to 0.915 g/cc.

8. The film according to Claim 1, wherein the multilayer film has an impact energy of from 2.32 to 3.45 ft-lbs.

9. The film according to Claim 1, wherein the multilayer film has an impact energy of at least 3.08 ft-lbs.

10. The film according to Claim 1, wherein the homogeneous single site catalyzed copolymer is metallocene catalyzed copolymer.

11. The multilayer film according to Claim 1, wherein the multilayer film comprises a barrier layer containing at least one member selected from the group consisting of: (a) a copolymer of vinylidene chloride and vinyl chloride, (b) a copolymer of vinylidene chloride and methyl acrylate, (c) a copolymer of ethylene and ethyl acrylate, (d) a copolymer of vinylidene chloride and acrylonitrile, and (e) a copolymer of ethylene and vinyl alcohol.

12. The multilayer film according to Claim 1, wherein at least one layer of the film is irradiated.

13. The multilayer film according to Claim 12, wherein the film is irradiated to a level of up to about 12 MR.

14. The multilayer film according to Claim 13, wherein the film is irradiated to a level of from about 2 to 9 MR.

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15. The multilayer film according to Claim 1, wherein the film comprises:


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- (A) a first layer comprising ethylene/vinyl acetate copolymer;
  - (B) a second layer comprising a blend of homogeneous/ethylene octene copolymer having long chain branching, and ethylene/butyl acrylate copolymer;
  - (C) a third layer comprising vinylidene chloride/methyl acrylate copolymer; and
  - (D) a fourth layer comprising a blend of ethylene/vinyl acetate copolymer and linear low density polyethylene.

16. The multilayer film according to Claim 1, wherein the film comprises:

- (A) a first layer comprising ethylene/vinyl acetate copolymer;

- (B) a second layer comprising a blend of homogeneous ethylene octene copolymer having long chain branching and ethylene/methacrylic acid copolymer;
- (C) a third layer comprising vinylidene chloride/methyl acrylate copolymer; and
- (D) a fourth layer comprising a blend of ethylene/vinyl acetate copolymer and linear low density polyethylene.


17. The multilayer film according to Claim 1, wherein the film comprises:

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- (A) a first layer comprising ethylene/vinyl acetate copolymer;
  - (B) a second layer comprising a blend of homogeneous ethylene/octene copolymer having long chain branching and anhydride grafted ethylene/vinyl acetate copolymer;
  - (C) a third layer comprising vinylidene chloride/methyl acrylate copolymer;
  - (D) a fourth layer comprising a blend of ethylene/vinyl acetate copolymer and linear low density polyethylene.

18. The multilayer film according to Claim 1, wherein the film comprises:

- (A) a first layer comprising ethylene/vinyl acetate copolymer;
- (B) a second layer comprising a blend of homogeneous ethylene/octene copolymer having long chain branching and ethylene/vinyl acetate copolymer;
- (C) a third layer comprising vinylidene chloride/methyl acrylate copolymer;
- (D) a fourth layer comprising a blend of ethylene/vinyl acetate copolymer and linear low density polyethylene.

19. The multilayer film according to Claim 1, wherein the film comprises:
- (A) a first layer comprising ethylene/vinyl acetate copolymer;
  - (B) a second layer comprising homogeneous ethylene/octene copolymer having long chain branching;
  - (C) a third layer comprising ethylene/vinyl acetate copolymer; and
  - (D) a fourth layer comprising vinylidene chloride/methyl acrylate copolymer; and
  - (E) a fifth layer comprising a blend of ethylene/vinyl acetate copolymer and linear low density ethylene/alpha-olefin copolymer.

 20. The multilayer film according to Claim 1, wherein the film has been oriented at a softening temperature of the single site catalyzed copolymer having long chain branching.

21. The multilayer film according to Claim 20, wherein the film has been oriented at a temperature of from 70°C to 100°C.

22. The multilayer film according to Claim 20, wherein the film has been oriented at a temperature of from 80°C to 100°C.


23. The multilayer film according to Claim 1, wherein the film exhibits an L + T free shrink of at least 67 percent.

24. A tubing comprising a heat-shrinkable multilayer film suitable for packaging, wherein the film comprises a homogeneous single site catalyzed copolymer of ethylene and an alpha-olefin having from three to then carbon atoms, the single site catalyzed copolymer having long chain branching.

25. A process for making a heat-shrinkable film, comprising:

(A) extruding a film comprising a homogeneous single site catalyzed copolymer of ethylene and an alpha-olefin having from three to then carbon atoms, the single site catalyzed copolymer having long chain branching; and

B) cooling the film to the solid state with water;

 C) reheating the film to a softening temperature of the homogeneous single site catalyzed copolymer having long chain branching;

D) stretching the film so that an oriented molecular configuration is produced; and

E) quenching the film while substantially retaining its stretched dimensions to set the film in the oriented molecular configuration.

26. The process according to Claim 25, wherein the step of orienting by stretching is carried out using a tenter frame.---